

## NOTICE OF DRAFTSPERSON'S PATENT DRAWING REVIEW

The drawing(s) filed (insert date) D2878 are:

approved by the Draftsperson under 37 CFR 1.84 or 1.152.  
 objected to by the Draftsperson under 37 CFR 1.84 or 1.152 for the reasons indicated below. The Examiner will require submission of new, corrected drawings when necessary. Corrected drawing must be submitted according to the instructions on the back of this notice.

<p><b>1. DRAWINGS.</b> 37 CFR 1.84(a): Acceptable categories of drawings:  <input checked="" type="checkbox"/> Black ink: Color.  <input checked="" type="checkbox"/> Color drawings are not acceptable until petition is granted.  <input checked="" type="checkbox"/> Fig(s) _____  <input checked="" type="checkbox"/> Pencil and non black ink not permitted. Fig(s) _____</p> <p><b>2. PHOTOGRAPHS.</b> 37 CFR 1.84 (b)  <input checked="" type="checkbox"/> 1 full-tone set is required. Fig(s) _____  <input checked="" type="checkbox"/> Photographs not properly mounted (must use bristol board or photographic double-weight paper). Fig(s) _____  <input checked="" type="checkbox"/> Poor quality (half-tone). Fig(s) _____</p> <p><b>3. TYPE OF PAPER.</b> 37 CFR 1.84(e)  <input checked="" type="checkbox"/> Paper not flexible, strong, white, and durable.  <input checked="" type="checkbox"/> Fig(s) _____  <input checked="" type="checkbox"/> Erasures, alterations, overwritings, interlineations,  <input checked="" type="checkbox"/> off folds, copy machine marks not accepted. Fig(s) _____  <input checked="" type="checkbox"/> Mylar, velum paper is not acceptable (too thin).  <input checked="" type="checkbox"/> Fig(s) _____</p> <p><b>4. SIZE OF PAPER.</b> 37 CFR 1.84(f): Acceptable sizes:  <input checked="" type="checkbox"/> 21.0 cm by 29.7 cm (DIN size A4)  <input checked="" type="checkbox"/> 21.6 cm by 27.9 cm (8 1/2 x 11 inches)  <input checked="" type="checkbox"/> All drawing sheets not the same size.  <input checked="" type="checkbox"/> Sheet(s) _____  <input checked="" type="checkbox"/> Drawings sheets not an acceptable size. Fig(s) _____</p> <p><b>5. MARGINS.</b> 37 CFR 1.84(g): Acceptable margins:  <input checked="" type="checkbox"/> Top 2.5 cm Left 2.5cm Right 1.5 cm Bottom 1.0 cm  <input checked="" type="checkbox"/> SIZE: A4 Size  <input checked="" type="checkbox"/> Top 2.5 cm Left 2.5 cm Right 1.5 cm Bottom 1.0 cm  <input checked="" type="checkbox"/> SIZE: 8 1/2 x 11  <input checked="" type="checkbox"/> Margins not acceptable. Fig(s) _____  <input checked="" type="checkbox"/> Top (T) _____ Left (L) _____  <input checked="" type="checkbox"/> Right (R) _____ Bottom (B) _____</p> <p><b>6. VIEWS.</b> 37 CFR 1.84(h)  <b>REMINDER:</b> Specification may require revision to correspond to drawing changes.  <input checked="" type="checkbox"/> Partial views. 37 CFR 1.84(h)(2)  <input checked="" type="checkbox"/> Brackets needed to show figure as one entity.  <input checked="" type="checkbox"/> Fig(s) _____  <input checked="" type="checkbox"/> Views not labeled separately or properly.  <input checked="" type="checkbox"/> Fig(s) _____  <input checked="" type="checkbox"/> Enlarged view not labeled separately or properly.  <input checked="" type="checkbox"/> Fig(s) _____</p> <p><b>7. SECTIONAL VIEWS.</b> 37 CFR 1.84 (h)(3)  <input checked="" type="checkbox"/> Hatching not indicated for sectional portions of an object.  <input checked="" type="checkbox"/> Fig(s) _____  <input checked="" type="checkbox"/> Sectional designation should be noted with Arabic or Roman numbers. Fig(s) _____</p>	<p><b>8. ARRANGEMENT OF VIEWS.</b> 37 CFR 1.84(i)  <input checked="" type="checkbox"/> Words do not appear on a horizontal, left-to-right fashion when page is either upright or turned so that the top becomes the right side, except for graphs. Fig(s) _____</p> <p><b>9. SCALE.</b> 37 CFR 1.84(k)  <input checked="" type="checkbox"/> Scale not large enough to show mechanism without crowding when drawing is reduced in size to two-thirds in reproduction.  <input checked="" type="checkbox"/> Fig(s) _____</p> <p><b>10. CHARACTER OF LINES, NUMBERS, &amp; LETTERS.</b>  37 CFR 1.84(l)  <input checked="" type="checkbox"/> Lines, numbers &amp; letters not uniformly thick and well defined, clean, durable, and black (poor line quality).  <input checked="" type="checkbox"/> Fig(s) _____</p> <p><b>11. SHADING.</b> 37 CFR 1.84(m)  <input checked="" type="checkbox"/> Solid black areas pale. Fig(s) _____  <input checked="" type="checkbox"/> Solid black shading not permitted. Fig(s) _____  <input checked="" type="checkbox"/> Shade lines, pale, rough and blurred. Fig(s) _____</p> <p><b>12. NUMBERS, LETTERS, &amp; REFERENCE CHARACTERS.</b>  37 CFR 1.84(p)  <input checked="" type="checkbox"/> Numbers and reference characters not plain and legible.  <input checked="" type="checkbox"/> Fig(s) _____  <input checked="" type="checkbox"/> Figure legends are poor. Fig(s) _____  <input checked="" type="checkbox"/> Numbers and reference characters not oriented in the same direction as the view. 37 CFR 1.84(p)(1)  <input checked="" type="checkbox"/> Fig(s) _____  <input checked="" type="checkbox"/> English alphabet not used. 37-CFR 1.84(p)(2)  <input checked="" type="checkbox"/> Figs _____  <input checked="" type="checkbox"/> Numbers, letters and reference characters must be at least .32 cm (1/8 inch) in height. 37 CFR 1.84(p)(3)  <input checked="" type="checkbox"/> Fig(s) _____</p> <p><b>13. LEAD LINES.</b> 37 CFR 1.84(q)  <input checked="" type="checkbox"/> Lead lines cross each other. Fig(s) _____  <input checked="" type="checkbox"/> Lead lines missing. Fig(s) _____</p> <p><b>14. NUMBERING OF SHEETS OF DRAWINGS.</b> 37 CFR 1.84(i)  <input checked="" type="checkbox"/> Sheets not numbered consecutively, and in Arabic numerals beginning with number 1. Sheet(s) _____</p> <p><b>15. NUMBER OF VIEWS.</b> 37 CFR 1.84(u)  <input checked="" type="checkbox"/> Views not numbered consecutively, and in Arabic numerals, beginning with number 1. Fig(s) _____</p> <p><b>16. CORRECTIONS.</b> 37 CFR 1.84(v)  <input checked="" type="checkbox"/> Corrections not made from prior PTO-948 dated _____</p> <p><b>17. DESIGN DRAWINGS.</b> 37 CFR 1.152  <input checked="" type="checkbox"/> Surface shading shown not appropriate. Fig(s) _____  <input checked="" type="checkbox"/> Solid black shading not used for color contrast.  <input checked="" type="checkbox"/> Fig(s) _____</p>
<b>COMMENTS</b>	

REVIEWER J. E. HallDATE 3-29-99

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